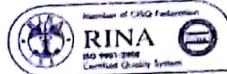




सीएसआईआर-संरचनात्मक अभियांत्रिकी अनुसंधान केन्द्र CSIR - STRUCTURAL ENGINEERING RESEARCH CENTRE

(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्)
(Council of Scientific & Industrial Research)

पी.बी.सं. P.B. No. 8287, टीटीटीआई पोस्ट TTTI Post, सी.एस.आई.आर. रोड, CSIR Road,
तरमणी Taramani, चेन्नै Chennai - 600 113, भारत INDIA



No. CSIR/R/2018/80125

Dated: 10.12.2018

Shri Vishal Rakhecha,
22/5/1, 72nd Cross,
Rajajinagar,
Bangalore-560010.

Sir,

Sub: Information sought under RTI – Reg.

Kindly refer to your RTI request received at CSIR HQ, New Delhi, which was forwarded to CSIR-SERC, seeking following information under RTI Act 2005. The information in respect of CSIR-SERC is furnished below:

Sl.No.	Information sought	Reply
1.	Please provide me with the details regarding the expenditure by all the 44 CSIR labs with regard to purchase / subscription of e-journals, digital databases, print journals and books for the years from 2013 – 2018. Please provide an item-wise and title-wise list.	For the years 2013-2018, with regard to the total expenditure towards journals, e-journals, print journals and digital database, the information is given in Annexure I. Title-wise list of books (in detail), e-books, standards, CDROMS, Hindi books, etc., purchased with the price details is given in Annexure II. (Financial year 2012-2013 to 2017-2018). Further details on e-books, standards, CD-ROMS, Hindi books could not be provided as a lot of diversification of the limited available work force will take place.
2.	Please provide me with a list of consortiums that all the 44 CSIR Labs are a part of, for the purpose of accessing electronic knowledge databases.	With regard to consortium, CSIR-SERC is part of only one consortium, that is the National Knowledge Resource Consortium under CSIR-National Institute of Science Communication and Information Resources (CSIR-NISCAIR), New Delhi.

Yours faithfully,


S. Jeyabal, 11/12/18
Public Information Officer (Alternate)
CSIR-SERC

दूरभाष/Phone

केएमडी/KMD : 2254 9124, 2254 9145
प्रशासन/Administration : 22541170, 22549100
वित्त/Accounts : 22541701, 22549105
क्रय/Purchase : 22541238, 22549108

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CSIR-Structural Engineering Research Centre
Knowledge Resource Division

KRD/STS0008/2018

Dated: 27 November 2018

Sub: Information sought under RTI – regarding
Ref : No.CSIRH/R/2018/80125 dt 12.11.2018

With reference to the above, please find enclosed information with respect to CSIR-SERC.

Query No. 1, for the years 2013-2018, with regard to the total expenditure towards journals, e-journals, print journals and digital database, the information is given in Annexure I. Title-wise list of books (in detail), e-books, standards, CDROMS, Hindi books, etc., purchased with the price details is given in Annexure II. (Financial year 2012-2013 to 2017-2018). Further details on e-books, standards, CD-ROMS, Hindi books could not be provided as a lot of diversification of the limited available work force will take place.

Query No.2, with regard to consortium, CSIR-SERC is part of only one consortium, that is the **National Knowledge Resource Consortium** under CSIR-National Institute of Science Communication and Information Resources (CSIR-NISCAIR), New Delhi.

Aymon Q
24/11/18
Head, KRD

Administrative Officer

Public Information Officer (Alternate)

Annexure I
Journal Subscription Details

Expenditure details during 2013-2018

Journals

S. No.	Journal Title	Publisher	Mode of Subscription	Subscription Amount (INR)						Remarks
				2013	2014	2015	2016	2017	2018	
1	Advanced Engineering Informatics	Elsevier	Print	82796.8	NS	NS	NS	NS	NS	
2	Advances in Computational Design	Techno Press	Online	NS	NS	NS	NS	NS	24586.48	
3	Advances in Engineering Software	Elsevier	Print	170054.4	NS	NS	NS	NS	NS	
4	Applied Mechanics Review	ASME	Print + Online	NS	NS	NS	NS	61523	50394 (Online only)	
5	Bioinspired, Biomimetic and Nanobiomaterials	ICE	Online	NS	NS	53055.95	NS	NS	NS	
6	Building and Environment	Elsevier	Print	156128	NS	206625.9	NS	NS	NS	
7	Canadian Journal of Civil Engineering	NRC Press	Print + Online	78608	NS	97595.4	108165.2	95289	92780	
8	Cement and Concrete Research	Elsevier	Print	26309	35542	32420	36860	39077	416158.72 (Online only)	
9	Cement and Concrete Composites	Elsevier	Print	104176	125733.1	137220.6	161637.2	175501.8	220154.48 (Online only)	
10	Civil Engineering - ASCE	ASCE	Print	15461.25	NS	18650.75	NS	NS	NS	
11	Colloids and Surfaces B: Biointerfaces	Elsevier	Print	NS	NS	220445.8	NS	NS	NS	
12	Collnet Journal of Scientometrics and Information Management	Taylor & Francis	Print	2000	NS	NS	NS	NS	NS	
13	Composites Part B: Engineering	Elsevier	Print	142963.2	172586.8	189259.3	224004.8	240914.8	305021.51 (Online only)	
14	Computational Materials Science	Elsevier	Print	120985.6	NS	NS	NS	NS	NS	

(Signature)

Annexure 1
Journal Subscription Details

15	Computational Mechanics	Springer	Print + Enhanced online access	NS	NS	NS	NS	443858.7	431297.90 (Online only)	
16	Computer Aided Civil and Infrastructure Engineering	Wiley	Enhanced Online access	109235.2	NKRC	NKRC	NKRC	NKRC	NS	
17	Computer Methods in Applied Mechanics and Engineering	Elsevier	Print	522892.8	NS	NS	NS	595208	409949.79 (Online only)	
18	Computers & Concrete	Techno Press	Print + Online	22803.84	27771.89	29902.35	34778.25	38578.4	39338.37	
19	Computers & Structures	Elsevier	Print	436124.8	NS	NS	NS	NS	NS	
20	Computers, Materials & Continua	Tech Science Press	Print + Online	167832	NS	NS	NS	NS	NS	
21	Construction and Building Materials	Elsevier	Print	87475.2	115341.5	131105.6	157182.4	172234.4	220911.16 (Online only)	
22	Construction World	ASAPP Info Global Services Pvt Ltd.	Print	1530	NS	NS	NS	NS	NS	Subscription period: Oct 2012 - Sep 2013
23	Down to Earth	CSE, Delhi	Print	650	650	860	860	860	860	Subscription period: Aug - Aug (i.e. Aug 2012 - Aug 2013, etc.)
24	Earthquake Engineering and Engineering Vibration	Springer	Print + Enhanced online access	81595.84	NS	NS	NS	NS	NS	
25	Earthquake Engineering and Structural Dynamics	Wiley	Enhanced Online access	347670.4	NS	NS	NS	NS	NS	
26	Earthquake Engineering Practice	NICEE, INT Kanpur	Print	2000	2000	3000	4000	5000	5000	
27	Earthquake Spectra	EERI	Print + Online	NS	20661.8	23118.75	32625	41334	45104.2 (Online only)	
28	Earthquakes and Structures	Techno Press	Print + Online	NS	NS	NS	NS	36593.11	40414.03 (Online only)	
29	Electronics For You	EFY Group	Print (with CD)	594	NS	NS	NS	NS	NS	

Annexure 1
Journal Subscription Details

30	Engineering Failure Analysis	Elsevier	Print	60928	NS	NS	NS	NS	NS	
31	Engineering Structures	Elsevier	Print	181532.8	NS	240319.5	284444.2	308795.1	388903.63 (Online only)	
32	Experimental Mechanics	Springer	Print + Enhanced online access	89346.52	109031.3	110052.2	108551.2	108710.1	115088.70 (Online only)	
33	Experimental Techniques	Springer	Print + Enhanced Online access	18550.4 (Enhanced online access)	NS	NS	NS	34820.96	35609.14 (Online only)	
34	Fatigue and Fracture of Engineering Materials & Structures	Wiley	Enhanced Online access	260956.8	NS	NS	NS	NS	NS	
35	Finite Elements in Analysis and Design	Elsevier	Print	127731.2	NS	NS	NS	NS	NS	
36	Fuzzy Sets and Systems	Elsevier	Print	296425.6	NS	NS	NS	NS	NS	
37	Industrial Economist		Print	200	NS	NS	NS	NS	NS	
38	Information Studies	Ranganathan Centre for Information Studies	Print	600	NS	NS	NS	NS	NS	
39	International Journal for Numerical Methods in Engineering	Wiley	Enhanced Online access	766604.8	NS	NS	NS	NS	NS	
40	International Journal of 3Rs	Dr. Fixit Institute of Structural Protection and Rehabilitation	Print	1200	1800	NS	NS	NS	NS	
41	International Journal of Advanced Steel Construction	Hong Kong Institute of Steel Construction	Print	15114.4	NS	15490	NS	NS	NS	
42	International Journal of COMADEM	COMADEM International	Print	18464.6	NS	24792.5	NS	NS	NS	

Annexure 1
Journal Subscription Details

43	International Journal of Damage Mechanics	Sage	Print + Online	NS	NS	99201	113006.3	104085.8	110285.7 (Online only)	
44	International Journal of Fatigue	Elsevier	Print	126153.6	152289.6	167000.7	196743.9	213576	269665.8 (Online only)	
45	International Journal of Impact Engineering	Elsevier	Print	243984	NS	312660	NS	NS	NS	
46	International Journal of Structural Stability and Dynamics	World Scientific	Print + Online	36684.48	NS	57358.7	NS	77203.65	93010.38 (Online only)	
47	International Journal of Sustainable Engineering	Taylor & Francis	Online	36709.92	NS	NS	NS	NS	NS	
48	Journal of Aerospace Sciences and Technologies	The Aeronautical Society of India	Print	1200	NS	NS	NS	NS	NS	
49	Journal of Bridge Engineering - ASCE	ASCE	Print + Online	58969.75	46489.05 (Online only)	86160.35	76081.5 (Print only)	83425.79 (Print only)	80779.84 (Print only)	
50	Journal of Composites for Construction - ASCE	ASCE	Print + Online	48879.25	NS	71728.95	NS	NS	NS	
51	Journal of Computing in Civil Engineering - ASCE	ASCE	Print + Online	41338.5	NS	60599.65	NS	NS	NS	
52	Journal of Construction Engineering and Management - ASCE	ASCE	Print + Online	76926.5	NS	NS	NS	NS	NS	
53	Journal of Constructional Steel Research	Elsevier	Print	186809.6	224423.6	242704.4	276066.5	296926	373989.81 (Online only)	
54	Journal of Earthquake Engineering	Taylor & Francis	Online	46939.68	NS	NS	NS	NS	NS	
55	Journal of Engineering Mechanics	ASCE	Print + Online	95317.25	76752.51 (Online only)	139850.1	123126.8 (Print only)	134955.51 (Print only)	130853.2 (Print only)	
56	Journal of Geotechnical and Geoenvironmental Engineering	ASCE	Print + Online	90868.75	NS	NS	NS	NS	NS	

(Signature)

Annexure 1
Journal Subscription Details

57	Journal of Infrastructure Systems	ASCE	Print + Online	NS	NS	54729.25	NS	NS	NS
58	Journal of Intelligent Material Systems and Structures	Sage	Print + Online	NS	NS	228082.9	236750.4	227536.4	259029 (Online only)
59	Journal of Materials in Civil Engineering	ASCE	Print + Online	70742	56212.25 (Online only)	103465.8	91219.5 (Print only)	100028.28 (Print only)	96897.59 (Print only)
60	Journal of Mechanics of Materials and Structures	Mathematical Sciences Publishers	Print + Online	NS	NS	NS	NS	60558.97	46917 (Online only)
61	Journal of Nanoparticle Research	Springer	Print + Enhanced online access	NS	NS	160615.6	NS	NS	NS
62	Journal of Nanomechanics and Micromechanics	ASCE	Print	NS	18474.08 (Online only)	34060.55 (Print + Online)	30080.25 (Print)	32929.42	NS
63	Journal of Sandwich Structures and Materials	Sage	Print + Online	NS	NS	NS	94122.72	84548.1	96143.92 (Online only)
64	Journal of Strain Analysis for Engineering Design	Sage	Print + Online	NS	NS	154235.1	NS	NS	NS
65	Journal of Structural Engineering	ASCE	Print + Online	108337.25	87569.57 (Online only)	159112.3	139961.3 (Print only)	153486.92 (Print only)	148817.8 (Print only)
66	Journal of the Institution of Engineers (India) Series A	Springer	Print + Online	NS	NS	NS	NS	5875	30766.29 (Online only)
67	Journal of Vibration Engineering and Technologies	Krishtel eMaging Solutions Pvt. Ltd.	Print	3000	3000	3000	4000	4000	5000
68	Journal of Wind and Engineering	ISWE	Print	3000	3000	NS	NS	NS	NS
69	Journal of Wind Engineering and Industrial Aerodynamics	Elsevier	Print	218688	261493.3	281473.5	326997.8	350070	432738.31 (Online only)
70	Library Hitech Journal	Emerald	Print + Online	30830.92	NS	41552.23	NS	NS	NS

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Annexure 1
Journal Subscription Details

71	Magazine of Concrete Research	ICE	Print + Online	82395.95	NS	103136.8	NS	NS	NS
72	Masonry International	International Masonry Society	Print + Online	NS	NS	NS	6928	7627.35	
73	Materials and Structures	Springer	Print + Enhanced online access	67607.43	83035.48	83355.48	111302	109022.4	116323.20 (Online only)
74	Meccanica	Springer	Print + Enhanced online access	112829.12	NS	149216.6	NS	NS	NS
75	Mechanics of Materials	Elsevier	Print	144214.4	NS	NS	NS	NS	
76	Mechanical Systems and Signal Processing	Elsevier	Print	92316.8	NS	123339.6	184189.5	159231.8	201606.59 (Online only)
77	MIT Technology Review	Massachusetts Institute of Technology	Print	NS	NS	NS	NS	2601.24	NS
78	Nanotech Insights	CKMNT	Print + Online	5000	5000	5000	5000	NS	NS
79	Nanotrends	STM Journals	Print	3000	3750	3750	3750	3750	3950
80	National Geographic Magazine	National Geographic Society	Print	NS	2875	2875	2875	2875	2999
81	NDT&E International	Elsevier	Print	NS	NS	NS	NS	140922	139904.89 (Online only)
82	PCI Journal	PCI	Print	8176	9419.35	10390.4	11092.5	11711.3	10830.11
83	PC Quest	Cyber Media Group	Print	1485	1500	1800	1800	1500	1620
84	Practice Periodical on Structural Design and Construction - ASCE	ASCE	Print + Online	25768.75	NS	37668.4	NS	NS	NS
85	Probabilistic Engineering Mechanics	Elsevier	Print	74038.4	88967.28	96250.1	112900	121424.3	150126.21 (Online only)
86	Proceedings of the ICE: Construction Materials	ICE	Print + Online	NS	NS	49783.34	NS	NS	NS

Page no. 9

Annexure 1
Journal Subscription Details

87	Proceedings of the ICE: Structures and Buildings	ICE	Print + Online	NS	NS	89253	NS	NS	NS
88	Sarita	Delhi Press	Print	400	449	699	700	NS	NS
89	Science Reporter	CSIR-NISCAIR	Print	200	300	300	300	NS	NS
90	Scientific American (International edition)	Springer Nature	Print	NS	NS	24226.36	NS	NS	NS
91	Structural Control & Health Monitoring	Wiley	Enhanced Online access	38025.6	NS	NS	NS	NS	NS
92	Structural Durability & Health Monitoring	Tech Science Press	Print + Online	55944	NS	NS	NS	NS	NS
93	Smart Materials and Structures	IOP	Print + Online	92058.6	112962.7	115037.2	120941.8	109560.8	131871 (Online only)
94	Smart Structures and Systems	Techno Press	Print + Online	31914.72	38892.8	41887.75	47371.5	52494.18	55703.74 (Online only)
95	Soil Dynamics and Earthquake Engineering	Elsevier	Print	180009.6	215247.3	232798.1	270481.3	290924.8	363012.57 (Online only)
96	SRESA Journal of Life Cycle Reliability and Safety Engineering	Society for Reliability and Safety	Print	NS	NS	15000	NS	NS	NS
97	SRELS Journal of Information Management	Informatics Publishing Limited	Print	NS	NS	NS	NS	NS	3000
98	Steel and Composite Structures	Techno Press	Print + Online	24935.04	30385	32715.25	38040.75	45742.96	71684.96 (Online only)
99	Structural Engineering and Mechanics	Techno Press	Print + Online	57595.68	70250.12	75642.55	87108.75	96514.89	106259.7 (Online only)
100	Structural Health Monitoring	Sage	Print + Online	NS	69666	74552.01	79255.05	72963.8	83019.51 (Online only)
101	Structural Safety	Elsevier	Print	74528	NS	97717.7	NS	NS	NS

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Annexure 1
Journal Subscription Details

										Subscription Period: July - June (i.e. July 2013 - June 2014, etc.)
102	The Masterbuilder	MB Publishers Pvt. Ltd.	Print	1200	1200	1200	1200	1560	1560	
103	Thin-Walled Structures	Elsevier	Print	164233.6	NS	NS	NS	NS	NS	
104	Trans ASME: Journal of Applied Mechanics	ASME	Print + Online	NS	NS	57724.52	67925.25	83288.01	66074 (Online only)	
105	Trans ASME: Journal of Pressure Vessel Technology	ASME	Print + Online	NS	NS	43447.24	51351.75	63378.8	50394 (Online only)	
106	Trans ASME: Journal of Vibration and Acoustics	ASME	Print + Online	NS	NS	44001.1	NS	NS	NS	
107	Wind and Structures	Techno Press	Print + Online	35644.32	43450.55	46779.75	52852.5	58556.5	62695.52 (Online only)	
NS - Not Subscribed										
For the years 2013-2016, the actual cost of the journal is given. From that, 1% discount was given by the subscription agent. The cost shown is without discount.										
For 2017, 1% discount was given by the subscription agent. Apart from that an additional amount of 15% as service tax was paid on online component of the journal. The cost shown is actual journal cost minus 1% discount + 15% service tax.										
For 2018, all online only subscriptions were done directly through the publisher and no discount was given by the publisher. 18% GST was also paid for all online only subscriptions. The rate shown for online only journals is the journal cost+18% GST. Only the print journals were subscribed through the agent and 1% discount was given. The rate shown is the journal cost minus 1% discount.										

Qaymoor Q.

Annexure I
NKRC, Science Direct and Database Details

Expenditure details during 2013-2018							
National Knowledge Reserouce Consortium (Online only subscription)							
S. No.	Publisher	Type of Resource	Subscription Amount (INR)				
			2013	2014	2015	2016	2017
1	ASTM	Journals and Standards	128800	151800	151800	151800	158700
2	IOP & Sage	Journals	185981	-	-	-	187266
3	IOP	Journals	-	52540	-	200933	-
4	Nature Materials	Journals	-	35542	37039	38509	34841
5	Web of Science	Database	-	708154	-	493481	493971
6	ASCE	Journals	-	-	-	129600	129780
7	ICE	Journals	-	-	-	128750	112500
							144329
Science Direct - Elsevier (Online only subscription)							
1	Science Direct - Elsevier	Online	522149.15 (24 journals)	382550.6 (9 journals)	695526.05 (15 journals)	525415.95 (10 Journals)	591700.98 (11 journals)
The journals subscribed in print for the corresponding year was also subscribed online. The amount paid is the content fee for the online access.							Details given in Journals sheet

(Signature)

		AUTHOR	ACCESSION NUMBER	PRICE IN RUPEES
	APRIL 2013 - MARCH 2014			
1	India solar compass. January to December 2012. Four issues : Reports	Bridge to India Pvt. Ltd, New Delhi	14194	29214.00
2	Molecular modelling : Principles and applications	Leach, A.R.	14197	616.00
3	Prestressed concrete design to Eurocodes	Bhatt, P.	14198	6750.00
4	Vernacular architecture of Andhra Pradesh : Districts of East Godavari, Hyderabad, Mahabub Nagar, Pochampally	Dakshina Chitra, Chennai	14201	250.00
5	Strength of materials. Vol.1	Prakash Rao, D.S.	14203	
6	Design of steel structures	Duggal, S.K.	14204	867.00
7	Handbook of geosynthetic engineering : Geosynthetics and their applications	Shukla, S.K.	14228	7244.00
8	Resistance of concrete to chloride ingress : Testing and modelling	Basheer, P.A.M. Luping, T. Nilsson, L.-O.	14233	7347.00
9	Impact engineering of composite structures	Abrate, S.	14234	12227.00
10	Design of cold-formed steel structures	Dubina, D. Landolfo, R. Ungureanu, V.	14235	
11	Structural damping : Applications in seismic response modification	Dargush, G.F. Lee, G.C. Liang, Z.	14236	
12	Performance-based fire engineering of structures	Burgess, I Wald, F. Wang, Y.	14237	19021.00
13	Advanced photovoltaic installations	Balfour, J. Nash, N.B. Shaw, M.	14238	
14	Advanced photovoltaic system design	Balfour, J. Nash, N.B. Shaw, M.	14239	
15	Introduction to photovoltaics	Balfour, J. Jarosek, S. Shaw, M.	14240	
16	Introduction to photovoltaics Installations	Balfour, J. Shaw, M.	14241	
17	Introduction to photovoltaic system design	Balfour, J. Nash, N.B. Shaw, M.	14242	
18	Essentials of distributed generation systems	Massey, G.W.	14243	
19	Wind energy	Rivkin, D.A. Silk, L.	14244	18855.00
20	Reinforced soil engineering : Advances in research and practice	Leshchinsky, D. Ling, H.I. Tatsuoka, F.	14245	4246.00
21	Quality lighting for high performance buildings	Stiller, M.	14246	
22	Plasticity for engineers : Theory and applications	Calladine, C.R.	14247	9149.00
23	Structural health monitoring : A machine learning perspective	Farrar, C.R. Worden, K.	14248	7419.00
24	Perspectives in urban development : Issues in infrastructure, planning and governance	Chandiramani, J. Jha, R.	14249	676.00
25	Water transport in brick, stone and concrete	Hall, C. Hoff, W.D.	14256	
26	Analytical estimates of structural behavior	Dym, C.L. Williams, H.E.	14257	
27	Structural health monitoring of long-span suspension bridges	Xia, Y. Xu, Y.-L.	14258	
28	Seismic design aids for nonlinear pushover analysis of reinforced concrete and steel bridges	Cheng, F.Y. Ger, J.	14259	30817.00
29	Eco-efficient concrete	Jalali, S. Labrincha, J. Pacheco-Torgal, F.	14260	
30	Nanotechnology in eco-efficient construction	Diamanti, M.V. Nazari, A. Pacheco-Torgal, F.	14261	27850.00
31	Bridge design and evaluation : LRFD and LRFR	Fu, G.	14262	6576.00
32	Sustainable energy : choosing among options	Tester, J.W.	14263	
33	Solar photovoltaic technology and systems : a manual for technicians, trainers and engineers	Solanki, C.S.	14264	
34	Photovoltaic systems : analysis and design	Mukerjee, A.K. Thakur, N.	14265	

List of books, standards, other resources

35	Renewable energy sources : their impact on global warming and pollution	Abbasi, S.A. Abbasi, T.	14266	
36	Wind power plants and project development	Earnest.J. Wizelius, T.	14267	
37	Wind energy : theory and practice	Ahmed, S.	14268	
38	Wind power generation and distribution	Randall, M. Rivkin, D.A. Silk, L.	14269	
39	Wind turbine control systems	Anderson, L.D. Rivkin, D.A. Silk, L.	14270	
40	Wind turbine operation, maintenance, diagnosis and repair	Rivkin, D.A.; Silk, L.	14271	
41	Wind turbine systems	Liddell, A. Rivkin, D.A. Silk, L.	14272	
42	Wind turbine technology and design	Rivkin, D.A. Silk, L. Toomey, K.	14273	12895.00
43	Structure determination by X-ray crystallography : analysis by X-rays and neutrons	Ladd, M. Palmer, R.	14274	5686.00
44	Review guide for the NABCEP entry - level exam	Balfour, J. Nash, N.B. Shaw, M.	14275	2579.00
45	Conservation of historic buildings	Feilden, B.M.	14281	
46	Prestressed concrete bridges : Design and construction	Hewson, N.	14282	
47	Ice manual of structural design : Buildings	Bull, J.W.	14283	
48	Buildings services design for energy efficient buildings	Tymkow, P.	14284	
49	Reliability of structures	Collins, K.R. Nowak, A.S.	14285	31554.00
50	Research, Development, and Practice in structural engineering and construction First Australasia and South Asia conference 28 Nov-2 Dec, 2012 Western Austr	Singh, A. Vimonsatit, V. Yazdani, S.	14286	
51	History of science and technology in Tamil Nadu through the ages	Swaminathan, S.	14287	
52	Design of composite steel and concrete structures with worked examples to Eurocode 4	Cai, Y.Q. Chiew, S.P.	14288	12924.00
53	The science of clays : Applications in industry, engineering and environment	Mukherjee, S.	14289	1101.00
54	Micromechanics : overall properties of heterogeneous materials	Hori, M. Nemat-Nasser, S.	14290	5238.00
55	Building integrated photovoltaic thermal systems : for sustainable developments	Agrawal, B. Tiwari, G.N.	14291	
56	Compound energy systems : optimal operation methods	Hepbasli, A. Obara, S.	14292	
57	The off-grid energy handbook	Bridgewater, A. Bridgewater, G.	14293	23047.00
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